

WHAT IS CLAIMED IS:

1           1.    A method comprising:  
2                receiving information about a recognized phrase from  
3           a speech engine; and  
4                selecting, based on the recognized phrase, a handler  
5           function from sets of handling information, each set of  
6           handling information being associated with a different  
7           application.

1           2.    The method of claim 1, further comprising:  
2                identifying an application that is a focus of the  
3           recognized phrase, selecting the handler function being  
4           further based on the identified application.

1           3.    The method of claim 2 wherein selecting a handler  
2           function comprises:  
3                selecting a set of handling information based on the  
4           identified application; and  
5                selecting a handler function from the selected set  
6           of handling information based on the recognized phrase.

1           4.    The method of claim 3 further comprising, prior to  
2           receiving the recognized phrase:  
3           locating the sets of handling information.

1           5.    The method of claim 4 wherein each of the sets of  
2           handling information is located when the execution of the

3 associated application is initiated.

1 6. The method of claim 4 further comprising:  
2 detecting a change of the focus from a first  
3 application to a second application;  
4 producing a second grammar based on the handling  
5 information associated with the second application; and  
6 loading the second grammar onto the speech engine.

1 7. The method of claim 6 further comprising:  
2 generating an uncompiled grammar based on the  
3 handling information; and  
4 compiling the grammar into a binary format.

1 8. The method of claim 6 further comprising, prior to  
2 the step of loading the second grammar:  
3 unloading a first grammar associated with the first  
4 application from the speech engine.

1 9. The method of claim 6 further comprising:  
2 directing an operating system to provide  
3 notification in response to the focus changing;  
4 wherein the step of determining when the focus  
5 changes includes receiving notification from an operating  
6 system.

1 10. The method of claim 5 further comprising:  
2 directing an operating system to provide  
3 notification whenever the execution of an application is

4 initiated;

5 wherein each set of handling information is located  
6 when the notification is provided.

1 11. The method of claim 6 further comprising:

2 storing the produced grammar; and

3 loading the stored grammar onto the speech engine  
4 when the focus is changed from a third application to the  
5 second application.

1 12. An article comprising a machine-readable medium

2 which stores machine-executable instructions, the  
3 instructions causing a machine to:

4 receive information about a recognized phrase from a  
5 speech engine; and

6 select, based on the recognized phrase, a handler  
7 function from sets of handling information, each set of  
8 handling information being associated with a different  
9 application.

1 13. The article of claim 12, wherein the instruction  
2 further cause the machine to:

3 identify an application that is a focus of the  
4 recognized phrase, selecting the handler function being  
5 further based on the identified application.

1 14. The article of claim 13 wherein selecting a handler  
2 function comprises:

3 selecting a set of

4 handling information based on the identified application;  
5 and

6 selecting a handler function from the selected set  
7 of handling information based on the recognized phrase.

1 15. The article of claim 14 wherein the instructions  
2 further cause the machine, prior to receiving the  
3 recognized phrase, to:

4 locate sets of handling information, each of the  
5 sets of handling information being associated with a  
6 different application.

1 16. The article of claim 15 wherein each of the sets of  
2 handling information is located when the execution of the  
3 associated application is initiated.

1 17. The article of claim 15 wherein the instructions  
2 further cause the machine to:

3 detect a change of the focus from a first  
4 application to a second application;

5 produce a second grammar based on the handling  
6 information associated with the second application; and

7 load the second grammar onto the speech engine.

1 18. The article of claim 14 wherein the instructions  
2 further cause the machine to:

3 generate an uncompiled grammar based on the handling  
4 information; and

5 compile the grammar into a binary format.

1 19. The article of claim 17 wherein the instructions,  
2 prior to the step of loading the second grammar, further  
3 cause the machine to:

4 unload a first grammar associated with the first  
5 application from the speech engine.

1 20. The article of claim 17 wherein the instructions  
2 further cause the machine to:

3 direct an operating system to provide notification  
4 in response to the focus changing;

5 wherein the step of determining when the focus is  
6 changed includes receiving notification from an operating  
7 system that the focus has been changed.

1 21. The article of claim 16 wherein the instructions  
2 further cause the machine to:

3 direct an operating system to provide notification  
4 whenever the execution of an application is initiated;

5 wherein each set of handling information is located  
6 when the notification is provided

1 22. An apparatus comprising:

2 a memory which stores computer readable instructions;

3 a processor which executes the computer readable  
4 instructions, the instructions causing the processor to:

5 receive information about a recognized phrase from a  
6 speech engine;

7           identify an application that is a focus of the  
8 recognized phrase; and

9           select a handler function based on the recognized  
10 phrase and the application that is the focus of the  
11 phrase.

1       23. The apparatus of claim 22 wherein selecting a  
2 handler function comprises:

3           selecting a set of handling information based on the  
4 identified application; and

5           selecting a handler function from the selected set  
6 of handling information based on the recognized phrase.

1       24. The apparatus of claim 23 wherein the instructions  
2 further cause the processor, prior to receiving the  
3 recognized phrase, to:

4           locate sets of handling information, each of the  
5 sets of handling information being associated with a  
6 different application.

1       25. The apparatus of claim 24 wherein each of the sets  
2 of handling information is located when the execution of  
3 the associated application is initiated.

1       26. The apparatus of claim 24 wherein the instructions  
2 further cause the processor to:

3           detect a change of the focus from a first  
4 application to a second application;  
5           produce a second

6 grammar based on the handling information associated with  
7 the second application; and

8 load the second grammar onto the speech engine.

1 27. The apparatus of claim 23 wherein the instructions  
2 further cause the processor to:

3 generate an uncompiled grammar based on the handling  
4 information; and

5 compile the grammar into a binary format.

1 28. The apparatus of claim 26 wherein, prior to the step  
2 of loading the second grammar, the instructions further  
3 cause the processor to:

4 unload a first grammar associated with the first  
5 application from the speech engine.

1 29. The apparatus of claim 26 wherein the instructions  
2 further cause the processor to:

3 direct an operating system to provide notification  
4 in response to the focus changing;

5 wherein the step of determining when the focus is  
6 changed includes receiving notification from an operating  
7 system that the focus has been changed.

1 30. The apparatus of claim 25 wherein the instructions  
2 further cause the processor to:

3 direct an operating system to provide notification  
4 whenever the execution of an application is initiated;

5 wherein each set of

6 handling information is located when the notification is  
7 provided.

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